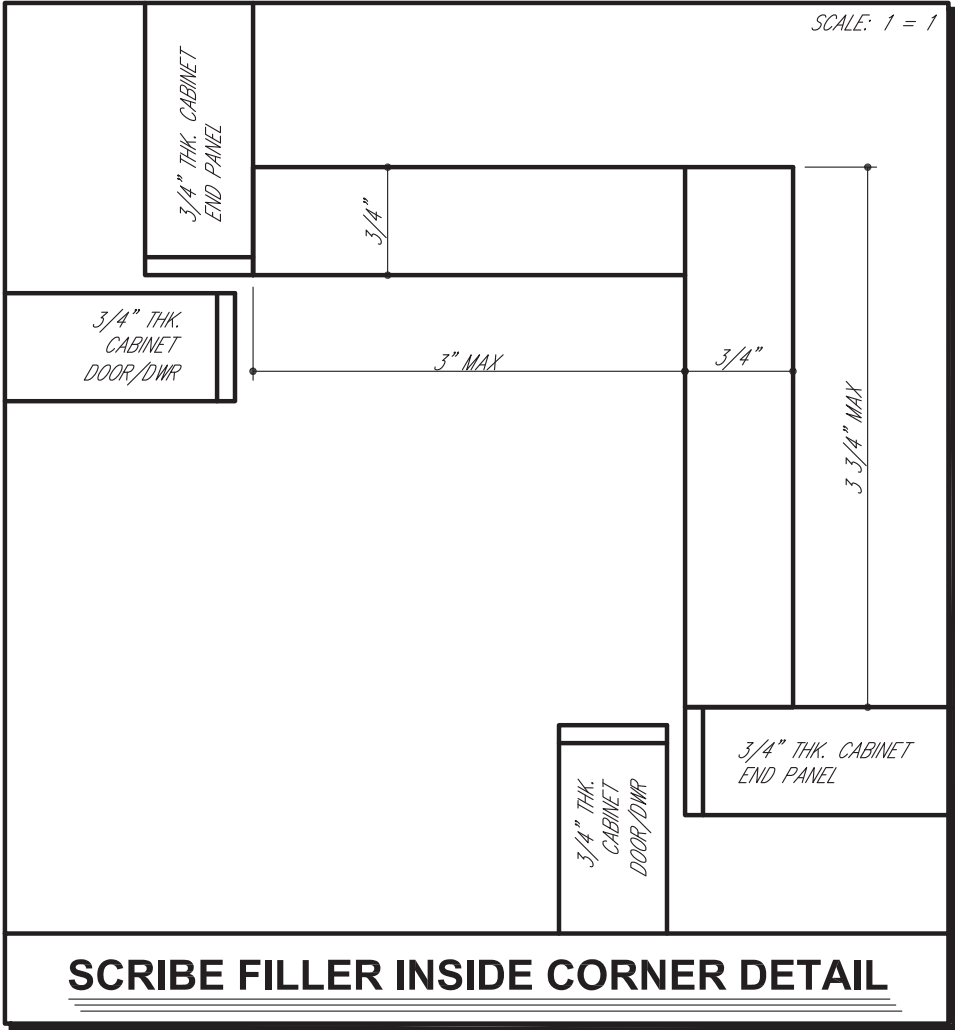
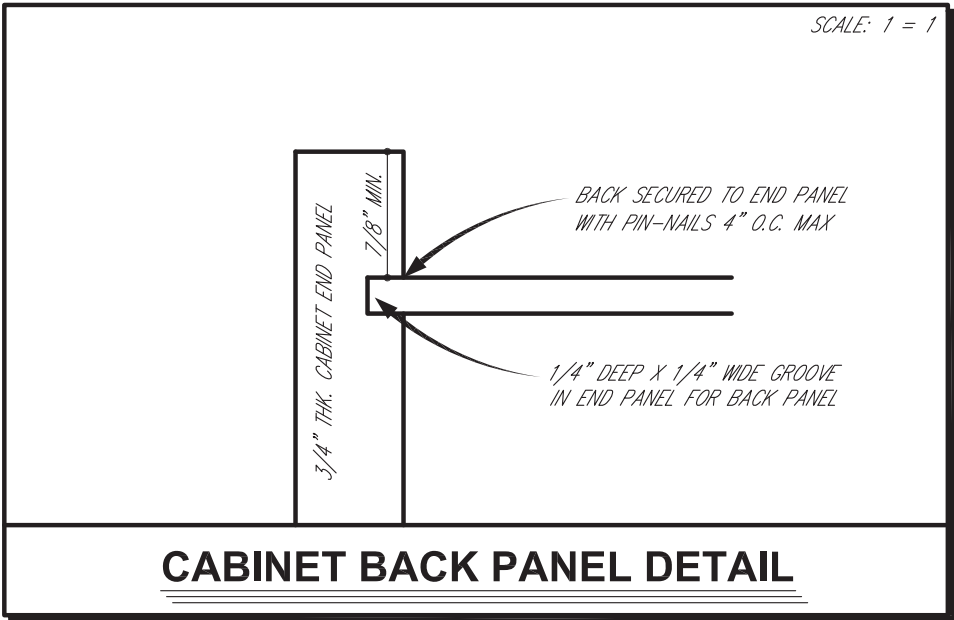
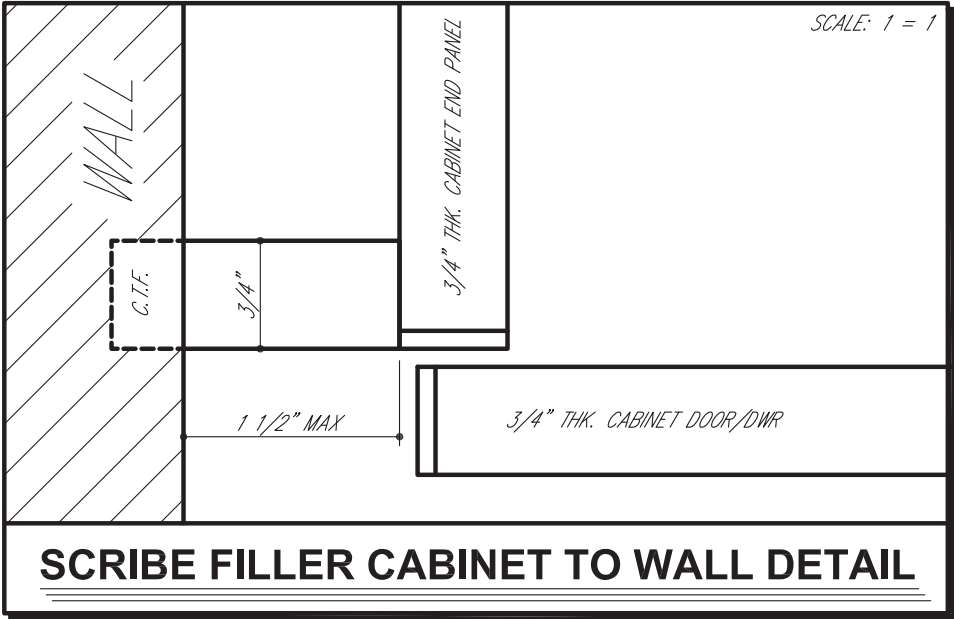
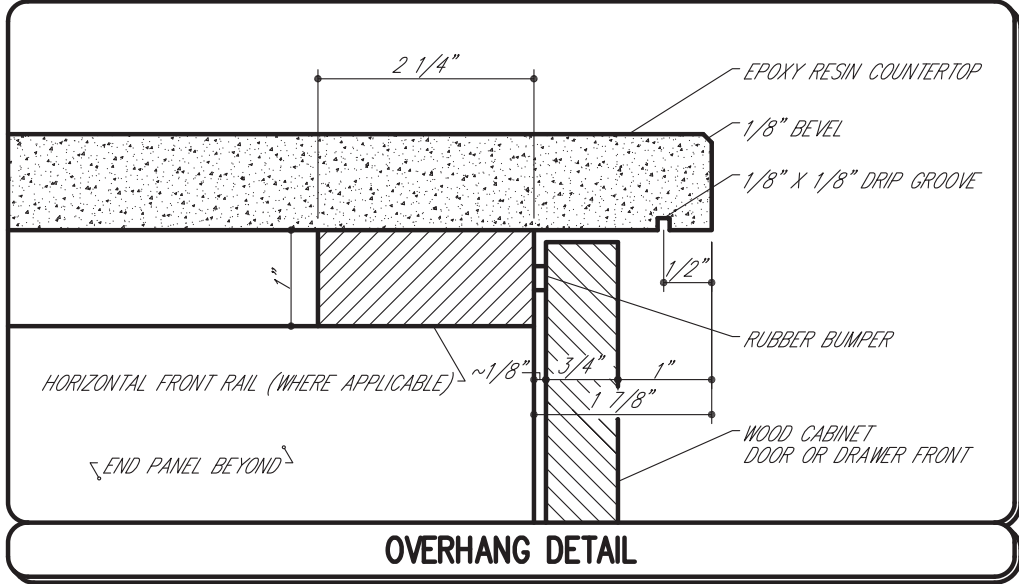
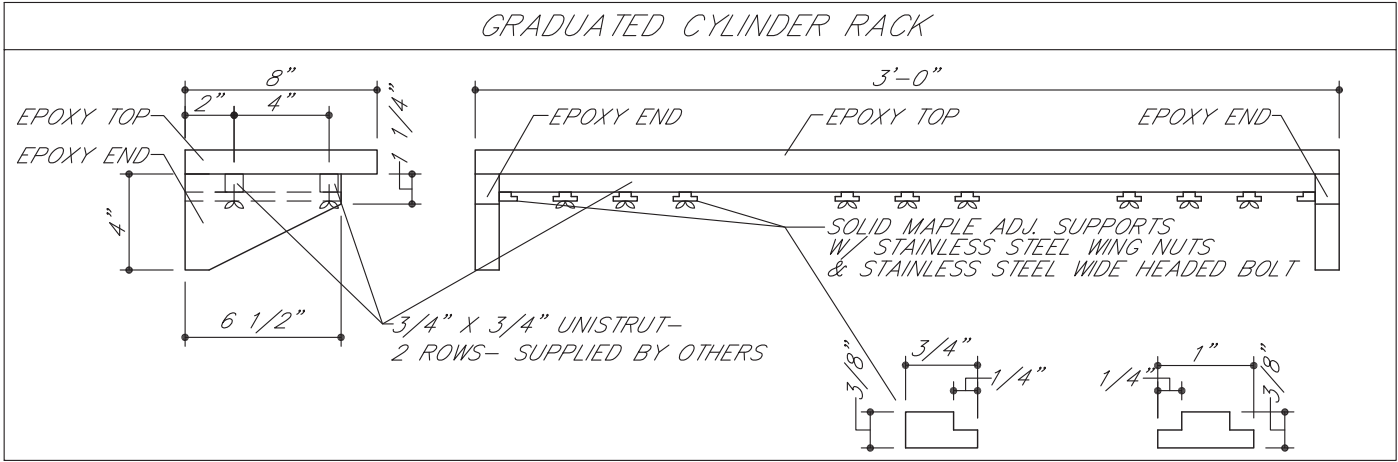




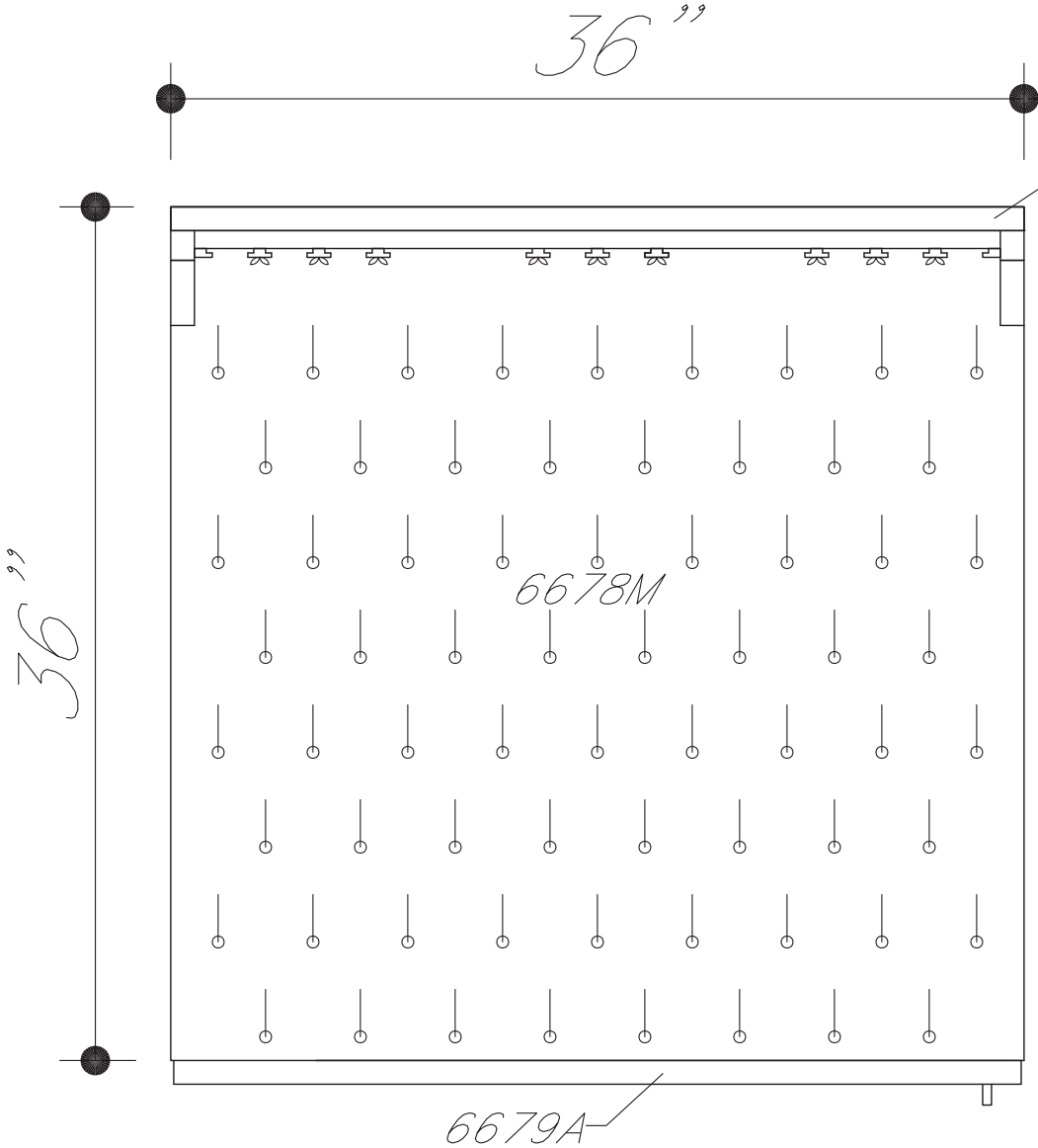
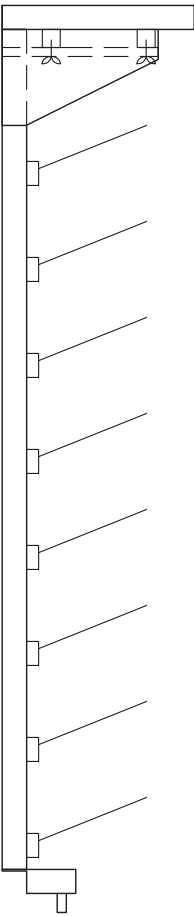
Institutional Casework, Inc.
1865 North Market Street
Paris, TN 38242
(731) 642-4251
FAX (731) 642-4262

SCIENCE EQUIPMENT ELEV. & TOPS

DIST. CSC	JOB NO. 04437
DRN. BY S. BURNINE	CK'ED. BY
DATE 01.25.17	DWG. NO. DETAIL SHEET 1
SCALE 1/4" = 1'-0"	SHEET 1 OF 10



4
DETAIL ADDED PER
RETURNS



GRADUATED CYLINDER RACK:
ADJUSTABLE MAPLE SUPPORTS,
BOLTS, AND WING NUTS
SEE DETAIL



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SCIENCE EQUIPMENT ELEV. & TOPS

DIST. CSC	JOB NO. 04437
DRN. BY S. BURNINE	CK'ED. BY
DATE 01.25.17	DWG. NO. DETAIL SHEET 2
SCALE 1/4" = 1'-0"	SHEET 2 OF 10

4

PVR36 (VERTICAL RAIL)

NOTE: REFER TO ELEVATIONS FOR SPECIFIC DIMENSIONS. WIDTHS VARY.
THIS SHEET IS PRIMARILY FOR LABELING PARTS AS REQUESTED.

4

MCO-24815 (SHELF BRACKET)

PROVIDE STANDARDS PER SPECIFICATION
123553, 2.8 AND 2.12,K.
FINISH & COLOR TO MATCH MOBILE LAB
BENCHES & FUMEHOOD.
SHELVES TO BE INTERCHANGEABLE
BETWEEN WALL MOUNTED RAILS AND
MOBILE LABORATORY BENCHES
(CASEWORK) SYSTEM.
METAL SHELVING SYSTEM.

RETAINING ROD (TYP.)

PHR36 (HORIZONTAL RAIL)

PRC48 (RAIL COVER)

PS3612-A.M (SHELF)

MCO-24814 (SHELF BRACKET)

12"

48"

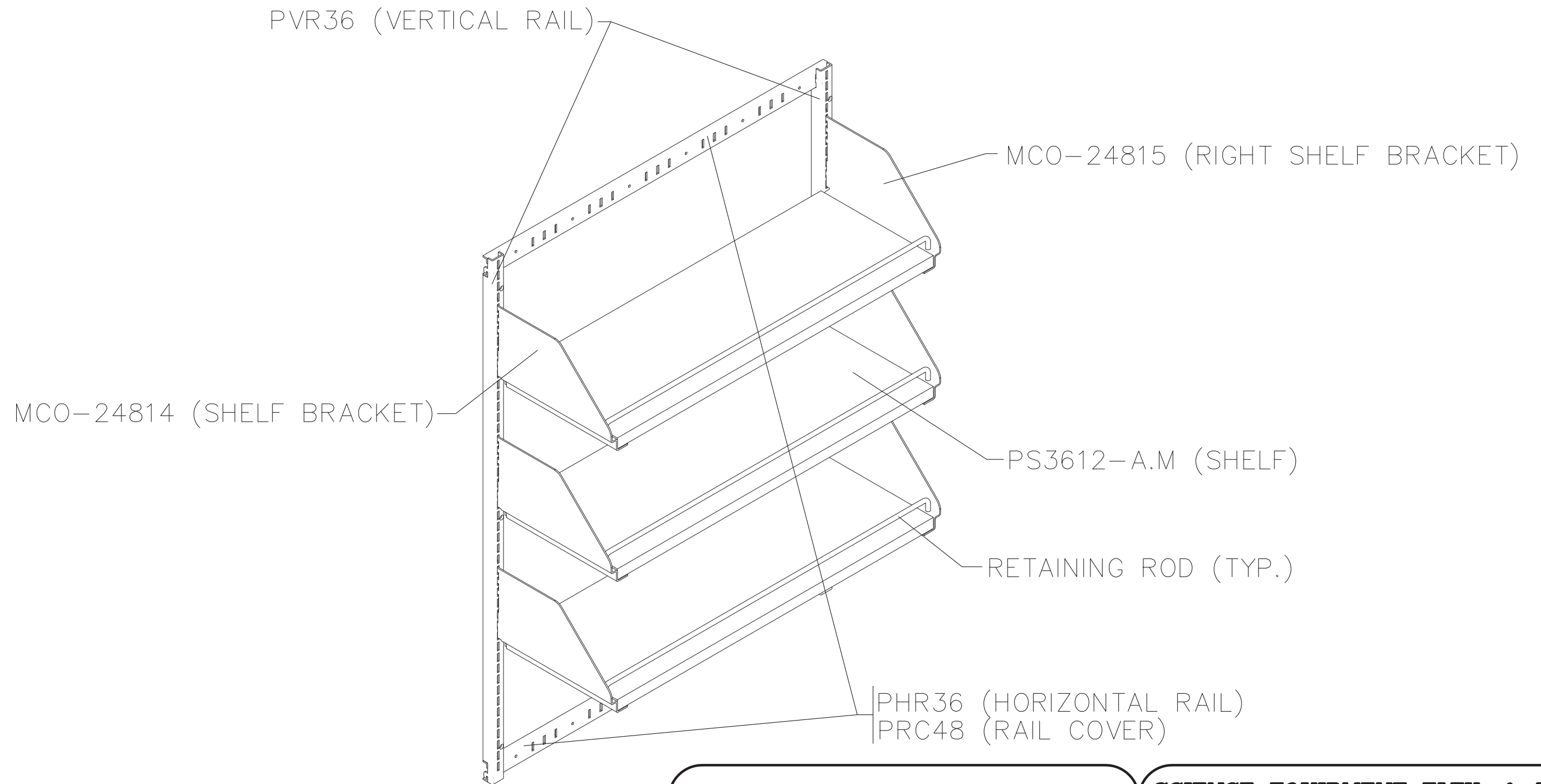
WALL SHELVING DETAIL



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SCIENCE EQUIPMENT ELEV. & TOPS

DIST. CSC	JOB NO. 04437
DRN. BY S. BURNINE	CK'ED. BY
DATE 01.25.17	DWG. NO. DETAIL SHEET 3
SCALE 1/4" = 1'-0"	SHEET 3 OF 10



WALL SHELVING DETAIL

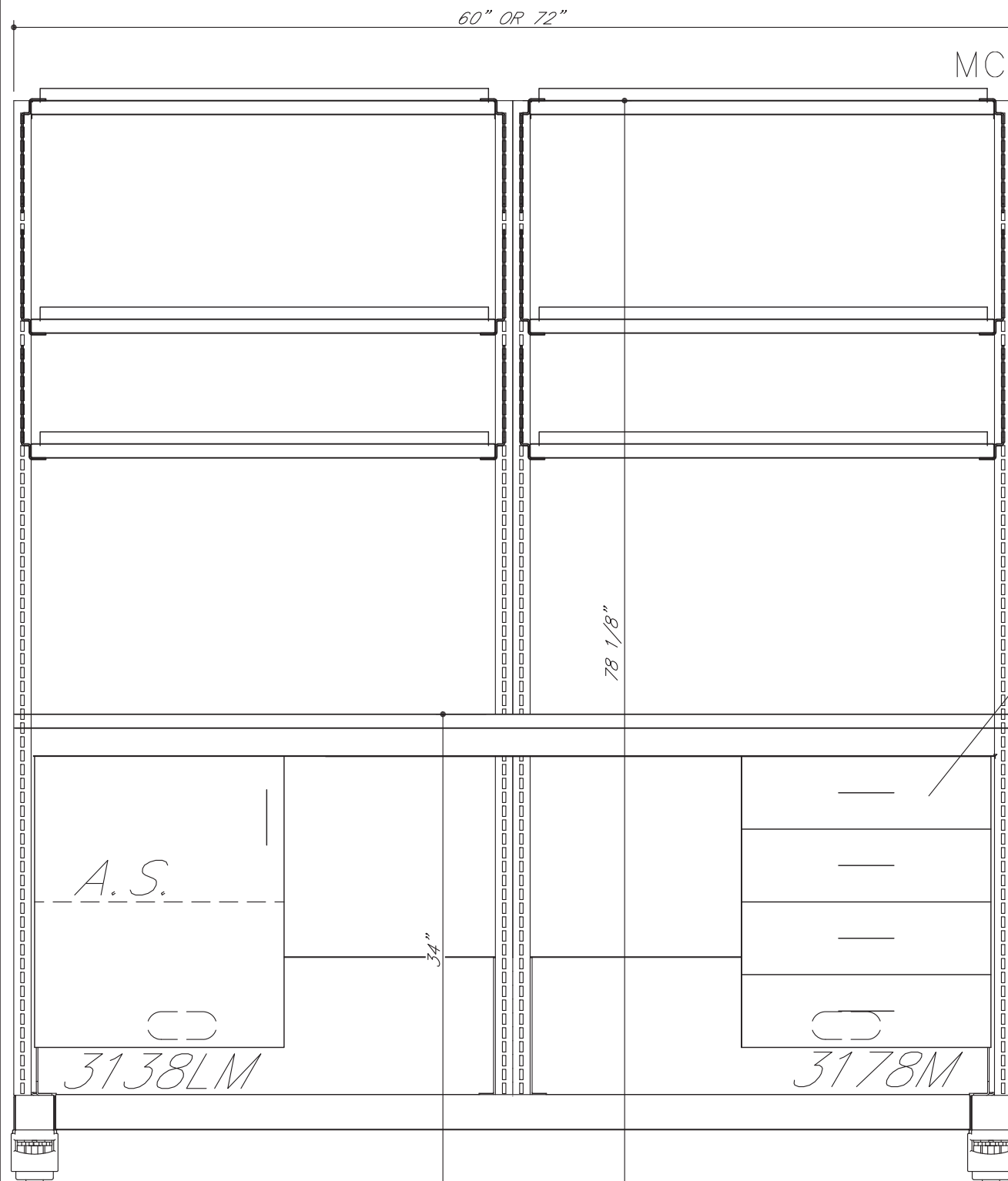


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FAX (731) 642-4262

SCIENCE EQUIPMENT ELEV. & TOPS

DIST. <i>CSC</i>	JOB NO. <i>04437</i>
DRN. BY <i>S. BURNINE</i>	CK'ED. BY
DATE <i>01.25.17</i>	DWG. NO. <i>DETAIL SHEET 4</i>
SCALE <i>1/4" = 1'-0"</i>	SHEET <i>4</i> OF <i>10</i>

NOTE: REFER TO ELEVATIONS FOR MORE DIMENSIONS. WIDTHS VARY.
THIS SHEET IS PRIMARILY FOR LABELING PARTS AS REQUESTED.



MOBILE LAB BENCH DETAIL
(NOT TO SCALE)

MCO-32945 (SHELF BRACKET)

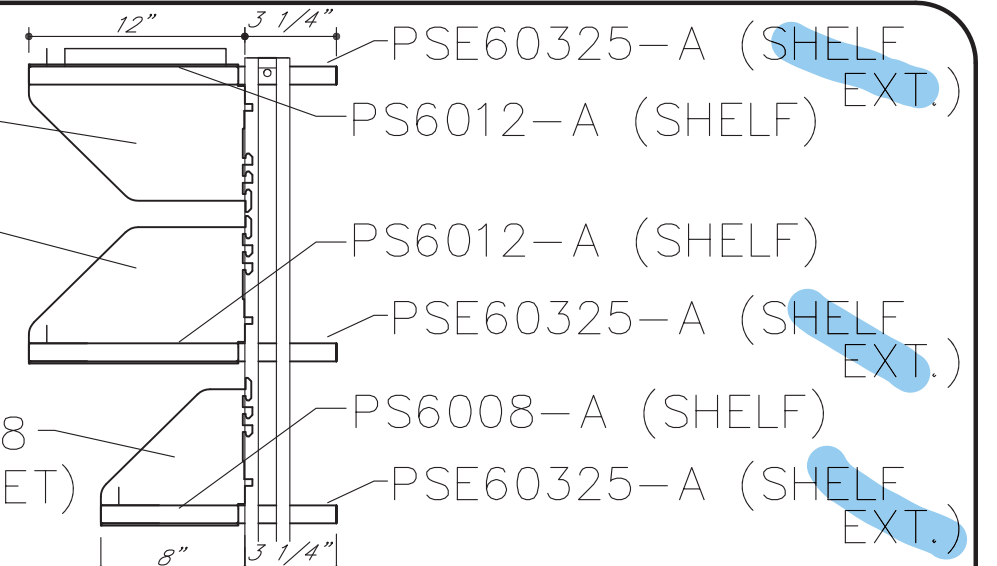
MCO-24814 (SHELF BRACKET)

MCO-24814M08
(SHELF BRACKET)

PMC6078-HDZ (MOBILE UNIT)

SUSPENDED CABINET
(VARIES BY LOCATION)

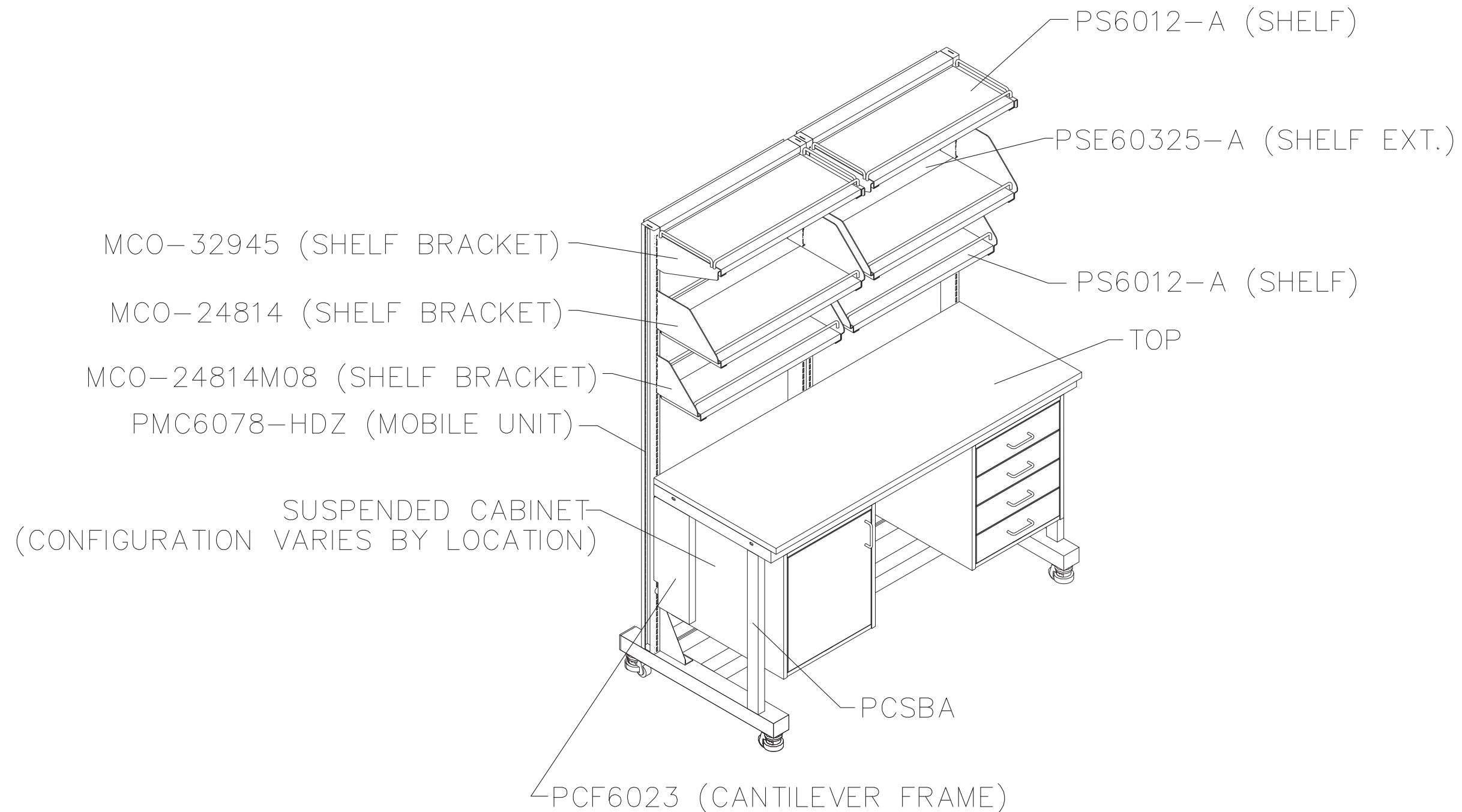
PCSBA



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FAX (731) 642-4262

SCIENCE EQUIPMENT ELEV. & TOPS

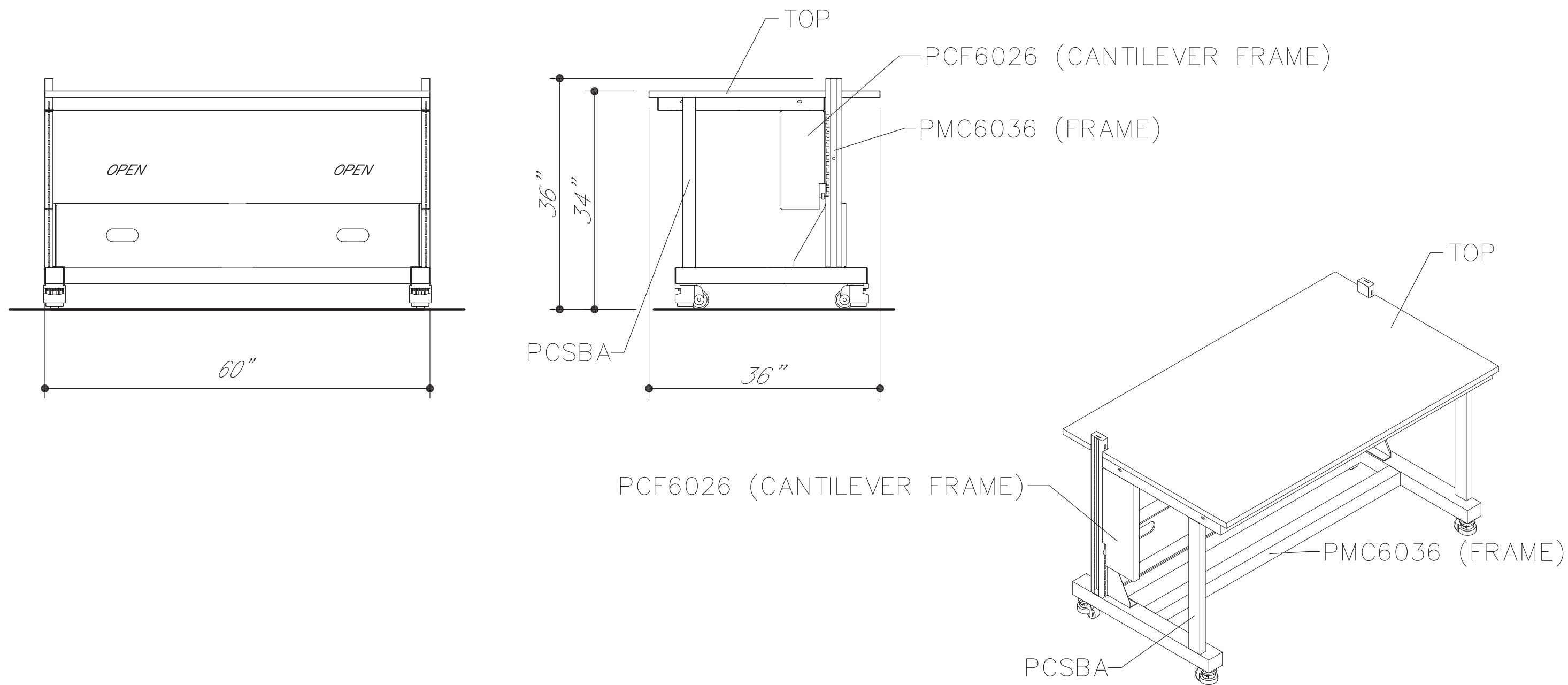
DIST. CSC	JOB NO. 04437
DRN. BY S. BURNINE	CK'ED. BY
DATE 01.25.17	DWG. NO. DETAIL SHEET 5
SCALE 1/4" = 1'-0"	SHEET 5 OF 10



Institutional Casework, Inc.
 1865 North Market Street
 Paris, TN 38242
 (731) 642-4251
 FAX (731) 642-4262

SCIENCE EQUIPMENT ELEV. & TOPS

DIST. <i>CSC</i>	JOB NO. <i>04437</i>
DRN. BY <i>S. BURNINE</i>	CK'ED. BY
DATE <i>01.25.17</i>	DWG. NO. <i>DETAIL SHEET 6</i>
SCALE <i>1/4" = 1'-0"</i>	SHEET <i>6</i> OF <i>10</i>



MOBILE LAB TABLE DETAIL
(NOT TO SCALE)



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FAX (731) 642-4262

SCIENCE EQUIPMENT ELEV. & TOPS

DIST. CSC	JOB NO. 04437
DRN. BY S. BURNINE	CK'ED. BY
DATE 01.25.17	DWG. NO. DETAIL SHEET 7
SCALE 1/4" = 1'-0"	SHEET 7 OF 10

SUBMITTAL IDENTIFICATION SHEET

To be completed by Contractor/CM

WEBSTER UNIVERSITY ISB	
PROJECT NAME	
8274 BIG BEND BLVD	
ADDRESS	
NUMBER	
WEBSTER UNIVERSITY	
OWNER	
CANNON DESIGN	
ARCHITECT / ENGINEER	
DEVIN D GATES	
SUBMITTED BY	
123553-001 REV 2	
CONTRACTOR / CM SUBMITTAL NO.	CANNON DESIGN SUBMITTAL NO.
	123553
DRAWING / DETAIL REFERENCE	SPECIFICATION SECTION / PARAGRAPH
MANUFACTURER / SUPPLIER	ITEM / PRODUCT ID
REQUIRED DATE	PRIORITY
	CRITICAL

ITEM BEING SUBMITTED (check only one)

- | | | |
|--------------------------------------|--|--|
| ☐ Shop Drawings | ☐ Certification / | ☐ Coordination Drawing |
| ☐ Samples | ☐ Qualifications | ☐ Calculations |
| ☐ (____ copies) | ☐ Record Documents | ☐ Schedules |
| ☐ LEED Submittal | ☐ Product Data | ☐ O&M Manuals |
| ☐ Other _____ | | |

ITEM BEING SUBMITTED FOR (check only one)

- ☒ Action ☐ Information Only ☐ Record

REMARKS OR DEVIATIONS

Samples currently being produced, engineering judgement to confirm seismic requirements being calculated.

CONTRACTOR / CM CERTIFICATION (SUBMITTALS NOT CERTIFIED WILL BE RETURNED WITHOUT REVIEW)



PARIC CORPORATION
SUBMITTAL STAMP

THIS SHOP DRAWING HAS BEEN REVIEWED BY PARIC CORPORATION

Subcontractor remains responsible for dimensions, quantities, coordination with other trades and compliance with contract documents.

By:

Devin D. Gates

DEVIN D GATES	1/31/17
REVIEWED BY	DATE

To be completed by Reviewer

12 3553-001 REV003
CANNON DESIGN SUBMITTAL NUMBER
2/1/17
RECEIVED DATE

- ☐ A. No Exceptions Taken
No further review of submittal is required.
- ☒ B. Make Corrections Noted
Incorporate corrections in work; resubmission is not required.
- ☐ C. Revise and Resubmit
Revise as noted, and resubmit for review.
- ☐ D. Rejected
Submittal is not in compliance with Contract Documents; provide new submittal.
- ☐ E. For Record / Information Only
Submittal was reviewed for Record / Information purposes only.
- ☐ F. Not Required for Review
Submittal is not required by Contract Documents and has not been reviewed.

Review is for conformance with the design concept of this project and for general compliance with contract documents. Contractor is responsible for quantities, dimensions and compliance with contract documents and for information that pertains to fabrication processes, construction techniques and coordination of this work with all trades which will be affected thereby. This review is null and void if submittal deviates from contract documents and does not indicate or note deviations.

A/E COMMENTS

☐ See attached sheet(s) for additional comments

RE-SUBMIT AS SEPARATE SUBMITTAL ONLY THE NON-APPROVED ITEMS.

SEE MARKUPS AND GENERAL COMMENTS ON NEXT PAGE.

APPROVAL OF MOBILE LABORATORY CASEWORK SYSTEM CONTINGENT ON APPROVED MANUFACTURER PER SPECIFICATIONS. PROVIDE SEPARATE SUBMITTAL CONFIRMING MANUFACTURER.

Kelvin Patel	2/14/17
REVIEWED BY	DATE

Digitally signed by Kelvin Patel
DN: cn=US, E=kpatel@cannondesign.com, O=Cannon Design,
OU=Architect, CN=Kelvin Patel
Date: 2017.02.14 21:02:29-06'00'

GENERAL COMMENTS:

-ALL LAB CASEWORK TO MEET PERFORMANCE REQUIREMENT INFORMATION PER SPECIFICATION (SPEC.) 123553,1.3,A.

-TABLES TO MEET UL REQUIREMENT PER SPECIFICATION 123553,1.3,D.

-EW, DH & PRE-RINSE FIXTURE APPROVAL ON HOLD.

-ALL CABINETS (WOOD, METAL, FLAMMABLE, ACID) TO BE FLUSH OVERLAY.

-PRODUCT DATA FOR MOBILE LAB CASEWORK SYSTEM WHICH WAS PRESENT IN PREVIOUS SUBMITTAL WAS DELETED IN THIS RE-SUBMITTAL. THE MOBILE LABORATORY CASEWORK SYSTEM IS APPROVED PROVIDED IT IS ONE OF THE APPROVED MANUFACTURER PER SPECIFICATIONS, JAMESTOWN METAL PRODUCTS PER PREVIOUS SUBMITTAL. PROVIDE WRITTEN CONFIRMATION TO DOCUMENT THE MANUFACTURER & PRODUCT MEETS SPECIFICATIONS.

-PROVIDE WHITE COLOR CYLINDER RACKS.

-ALL PRE-WIRED TABLES CONNECTING TO FLOOR BOXES TO HAVE STANDARD ELECTRICAL PLUG.

-COORDINATE ALL ELECTRICAL OUTLETS WITH ELECTRICAL DRAWING & SPECIFICATIONS. TECHNICAL SPECIFICATIONS PER ELECTRICAL DRAWINGS.

PROVIDE SEPARATE SUBMITTAL FOR FOLLOWING:

-PROVIDE LOAD CAPACITY OF TABLES.

-PROVIDE SEPARATE SUBMITTAL OF TEST REPORTS FOR COUNTERTOP PER SPEC. 123553,1.5,C.

-HEAVY DUTY SLIDE PRODUCT DATA FOR GRADE 1HD-100 & 1HD-200 PER SPEC. 123553,2.12,E.

-PROVIDE PRODUCT DATA FOR V-5 AND A-5 (QUICK DISCONNECTS).

-PROVIDE PRODUCT DATA FOR E-5, E-6, D-5, D-6

-PROVIDE PRODUCT DATA FOR PAPER TOWEL DISPENSER.

-PROVIDE PRODUCT DATA FOR OVERHEAD SERVICE CARRIER & MOBILE LABORATORY CASEWORK SYSTEM (IDENTIFY MANUFACTURER).

-PROVIDE PRODUCT DATA FOR EPOXY COUNTERTOPS.

-PROVIDE SAMPLE & INFORMATION RELATED TO SIGNAGE FOR ACID (CORROSIVES) & FLAMMABLE CABINETS - CONSISTENT CLEAN GRAPHICS LETTERING.

-PROVIDE WHITE COLOR CYLINDER RACKS.

-ALL PRE-WIRED TABLES CONNECTING TO FLOOR BOXES TO HAVE STANDARD ELECTRICAL PLUG.



INSTITUTIONAL CASEWORK, INC.
1865 Highway 641 North
Paris, Tennessee 38242-8814
(731) 642-4251

DATE: 1/25/2017
JOB: 04437A, B, C, D
RE: Webster University
Webster Groves, MO

TO: Carroll Seating

ATTENTION: Eddie Scheer/Amanda Kohlbrecher

We are forwarding the following via FTP SITE:

- | | | |
|----------------|--------------------------|-----------------------------------|
| ● For Approval | For Review and Comment | As Requested |
| For Your Use | Returned for Corrections | ● Return <u>1</u> Prints and Sets |

COPIES	DATE	NO.	DESCRIPTION
1	1/25/17	04437ARI -E2 and 04337BRI -E4	Rough-In & Elevation Shop Drawings
1	1/25/17	04437DETAILS1 & 04437DETAILS2	Cabinet Sections
1	1/25/17	04437OHSC	OHSC detail/quantities Sheet
1	1/25/17	Set	Project Data Document

REMARKS:

We cannot schedule this project until we receive one copy indicating:

- ☐ Approval
- ☐ Casework finish
- ☐ Field dimensions

If you have any questions, please feel free to call.

CC:

BY: Mitzi A. Hutter